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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/624,653
		Filing Date	July 22, 2004
		First Named Inventor	ELDAD PERAHIA et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Total Number of Pages in This Submission	4	Attorney Docket Number	CISCP828

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input checked="" type="checkbox"/> Information Disclosure Statement (1 page)	<input type="checkbox"/> CD, Number of CD(s) _____	PTO Form 1449 (1 page) Copies of 10 Cited References (pages not included in "Total Number of Pages in This Submission" above)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	The Commissioner is authorized to charge any additional fees to Deposit Account 50-1652.	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	RITTER, LANG & KAPLAN LLP Dan H. Lang, Reg. No. 38,531
Signature	
Date	July 6, 2004

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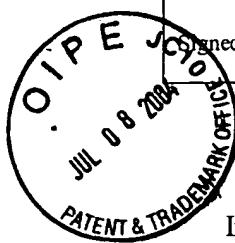
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Signed:

Anne Currier Carr
 Anne Currier Carr

Attorney Docket No. CISCP828

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ELDAD PERAHIA et al.

Application No.: 10/624,653

Filed: July 22, 2004

For: SPATIAL DIVISION MULTIPLE
ACCESS FOR WIRELESS NETWORKS

Examiner: Unassigned

Group: Unassigned

Date: July 6, 2004

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§1.56 AND 1.97(c)

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. CISCP828).

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Respectfully submitted,
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 Dan H. Lang
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Form 1449 (Modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)		Atty Docket No. CISCP828 Application No.: 10/624,653 Inventor Eldad Perahia et al. Group Unassigned Filing Date July 22, 2003 Mailing Date July 6, 2004
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U.S. Patent or Published Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-Class	Filing Date
	A	6,067,290	05/23/00	Paulraj et al.	370	329	07/30/99
	B	6,097,771	08/01/00	Foschini	375	346	07/01/96
	C	6,317,466 B1	11/13/01	Foschini et al.	375	267	04/15/98
	D	6,377,631 B1	04/23/02	Raleigh	375	299	11/05/99
	E	6,721,302 B1	04/13.04	Alastalo	370	346	11/17/00
	F	2003/0072452 A1	04/17/03	Mody et al.	380	274	10/04/02
	G	2003/0076777 A1	04/24/03	Stuber et al.	370	206	09/17/02

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	H	Gurbuz, Ozgur et al., "Media Access Control for Mimo Wireless Network," U.S. Patent Application No. 10/197,300, filed July 15, 2002, 26 pages w/ 9 pages of drawing.
	I	Perahia, Eldad et al., "High Data Rate Wireless Bridging," U.S. Patent Application No. 10/335,500, filed December 31, 2002, 38 pages w/ 6 pages of drawing.
	J	IEEE Standard 802.11a-1999, "Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, High-Speed Physical Layer in the 5 GHz Band," September 1999, pages 1-83.

Examiner	Date Considered
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Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.